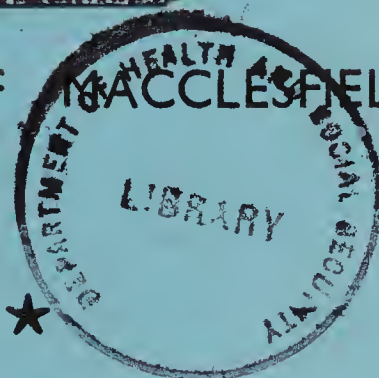




BOROUGH OF MACCLESFIELD



Annual Report

OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1972



W. R. PLEWS, L.R.C.P. & S., D.R.C.O.G., D.P.H.

Medical Officer of Health
Divisional Medical Officer of Health



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Borough of Macclesfield

COMMUNITY AND HEALTH SERVICES COMMITTEE

(Meetings at 7.30 p.m. on Monday of the second week after Council)

The Mayor

Alderman Buckley	Councillor Heywood (Mrs.)
Alderman Mrs. Davenport, J.P.	Councillor Johnson (Mrs.)
Alderman Roach	Councillor Leach
Alderman Walton, J.P.	Councillor Leyland
Councillor Allan	Councillor Patterson
Councillor T. A. Amesbury	Councillor Wykes
Councillor Brown	

Chairman: Councillor Allan

Vice-Chairman: Councillor Mrs. Lily Davenport, J.P.

STAFF OF PUBLIC HEALTH DEPARTMENT

***†Medical Officer of Health and Divisional Medical Officer:**
W. R. PLEWS, L.R.C.P., L.R.C.S., D.R.C.O.G., D.P.H.

***Chief Public Health Inspector and Cleansing Superintendent:**
KENNETH W. MAPP, M.A.P.H.I., C.San.I.B.

***Deputy Chief Public Health Inspector and Deputy Cleansing Superintendent:**
ALEC OGDEN, M.A.P.H.I., C.P.H.I.E.B.

***Senior Public Health Inspector**
BRIAN N. HEATON, M.A.P.H.I., C.P.H.I.E.B.

***District Public Health Inspectors:**
MICHAEL J. LEE, M.A.P.H.I., D.P.H.I.E.B.
ROGER S. BALDRY, M.A.P.H.I., D.P.H.I.E.B.
STEPHEN D. ROOK, M.A.P.H.I., D.P.H.I.E.B. (from 17.1.72)
CHRISTOPHER R. FIDLER, M.A.P.H.I., D.P.H.I.E.B. (from 2.8.72)

Student Public Health Inspector:
CHRISTOPHER R. FIDLER (to 1.8.72)

Authorised Meat Inspector:
ALFRED SHAW, L.M.R.S.H., M.Inst.M.

Veterinary Inspector:
M. A. WRIGHT, M.R.C.V.S.

Clerks:

†H. GREENHOUSE	MISS P. HOROBIN
†MISS R. NEWTON	MRS. M. SADLER (part-time)
MISS J. A. COOPER	MRS. M. WILSON

Main Drainage Treatment Works Manager:
F. E. HAMBLETON, M.I.W.P.C. (Dip.), M.I.P.H.E.

Borough Analyst (part-time):
MESSRS. MELLING & ARDERN.
G. H. BAKER, F.R.I.C., M.Inst.M.

* Officers in respect of whose salaries contribution is made under the Public Health Acts or by Exchequer Grants.

† Part-time with Cheshire County Council, Macclesfield Divisional Health Committee.

ANNUAL REPORT

of

**MEDICAL OFFICER OF HEALTH FOR THE YEAR
ENDED 31st DECEMBER, 1972**

Medical Officer of Health,
42/44 Cumberland Street,
Macclesfield.

**TO: THE CHAIRMAN AND MEMBERS OF THE
COMMUNITY AND HEALTH SERVICES COMMITTEE**

It gives me pleasure to present my Annual Report on the Health of the Borough for the year 1972.

At the time of writing this report, Local Government Reorganisation and National Health Service Reorganisation is less than six months away. There will be no Medical Officer of Health for the Borough after the 31st March, 1974, although the District Council of Macclesfield will have a Proper Officer/Community Physician to advise them on health matters. I do not think that he will necessarily be in a position to report on the work done by the department in 1973, so this will be the last Medical Officer of Health's Annual Report on the health of the Borough.

It is of interest that the first Annual Report by a Medical Officer of Health for the Borough covered the year ending 31st December, 1873. He was a Dr. Bland, who took up his appointment in June 1873, Dr. Bland found that on taking up his appointment that the provisions of the Sanitary and Public Health Act and the regulations of the local Government Board were "either carried out to a small extent or not at all." I can assure the council that this does not apply nowadays. The Chief Public Health Inspector's report illustrates

the volume of work carried out during the year 1972. In recent years, Medical Officers of Health have had little of the gross squalor and epidemic diseases such as the first Medical Officer of Health had to deal with. A brief illustration is that of the 956 deaths in 1873, of which 230 were under the age of twelve months, the corresponding figures for 1972 being 628 and 9 though the estimated population of 1873 was 36,501 and the estimated population of 1972 was 44,480.

I regret to have to report an increase in illegitimate births although there has been a fall in total births. In my last report, I mentioned a fall in the number of illegitimate births for the second year running from 12 per cent in 1969 to 7 per cent in 1971 but in 1972 the percentage has risen to 11.7 per cent. It is of interest that in 1873, the percentage was 10.8 when Dr. Bland's comment was "this figure cannot be said to speak favourably of the morality of the Borough". It would, therefore, appear that today's permissive society is not entirely new.

Included as usual is the report of the work of the Macclesfield Health Division to give a broader picture of the health services in the Borough.

In conclusion, I would like to thank the Chairman and members of the Community and Health Services Committee for their help and their interest. My thanks are also due to all the staff of the department and also to the Principal Officers and to members of their departments for their help and co-operation throughout the year.

I have the honour to be, Ladies and Gentlemen,

Your Obedient Servant,

W. R. PLEWS

GENERAL STATISTICS FOR 1972

Area of Borough	4,787 acres
Population (Census Prelim. Report, 1971) ...	44,240
Population (estimated by Registrar General, 1972)	44,480
Number of inhabited houses (Census, 1971) ...	12,896
Number of inhabited houses (end of 1972), estimated	16,477
Rateable Value, March, 1972	£1,836,211
Product of a Penny Rate	£17,403

	Male	Female	Total
Live Births: Legitimate ...	304	295	599
Illegitimate ...	39	43	82
	<hr/>	<hr/>	<hr/>
	343	338	681
	<hr/>	<hr/>	<hr/>

Still Births—4. Rate per 1,000 total births ...	5.87
Deaths—628. Death Rate (Crude)	14.11
Percentage of deaths occurring in Public Institutions	63.85

The total number of live births and of deaths of residents in the Borough during 1972 were 681 and 628 respectively. These figures show an excess of births over deaths of 53. In 1971 there was an excess of births over deaths of 145.

The Birth Rate of 15.31 shows a decrease of 0.91 compared with that for 1971.

The Death Rate of 14.11 shows an increase of 1.16 compared with that for 1971.

Number of women who died in, or in consequence of childbirth:—

From Sepsis	0
From other causes	0

Death rate of infants under one year of age per 1,000 live births:—

Legitimate	8.35
Illegitimate	—
	<hr/>
Total ...	8.35
	<hr/>

Infant Deaths

Of the 9 infant deaths, 6 occurred in males and 3 in females.

Infantile Mortality

The general death rate shows an increase, and the Infant Mortality Rate of 13.21 per 1,000 live births, shows an increase of 4.86 over 1971.

Nine deaths occurred during 1972, 5 are accounted for by birth injury and 4 other causes.

Of the 9 infant deaths, none were illegitimate.

Table 1 shows the ages and causes of death.

Neo-Natal Death Rate

The number of infant deaths during the first four weeks of life was 7 as compared with 3 in 1971. This makes the death rate per 1,000 live births 10.27, an increase of 6.10 compared with 1971.

Perinatal Mortality Rate 16.05. This is the number of still-births and infant deaths under one week per thousand total live and still-births.

The number of still-births can vary widely, but there is often a relationship between this figure and the number of deaths in the first week of life and so in the long term it is better to use the perinatal rate for comparisons, thus the figure of 16.05 for 1972 is a decrease of 3.42 with that of 19.47 for 1971.

TUBERCULOSIS

Cases notified in 1972:—

Pulmonary	6
Non-Pulmonary ...	1

Cases notified in 1971:—

Pulmonary	21
Non-Pulmonary ...	—

Number of deaths in 1972:—

Pulmonary	0
Non-Pulmonary ...	0

Number of deaths in 1971:—

Pulmonary	3
Non-Pulmonary ...	1

1968 to 1972

	1968	1969	1970	1971	1972
Total births notified	825	746	746	718	681
Birth Rate	19.82	17.81	17.81	16.22	15.31
Still-birth rate ...	9.06	14.53	10.72	15.32	5.87
Infant death rate ...	20.60	18.77	16.08	8.35	13.21
Neo-natal death rate	10.90	9.38	9.38	4.17	10.27
Maternal Deaths ...	0	0	0	0	0
Cases to West Park and other maternity hospitals	562	562	639	637	710

TABLE 1—CAUSES OF INFANT DEATHS, 1972

UNDER ONE YEAR

CAUSE OF DEATH	Under 4 weeks	4 weeks and under 1 year	Total under 1 year
1. Whooping Cough	—	—	—
2. Tuberculosis	—	—	—
3. Meningitis (not tuberculosis)	—	—	—
4. Pneumonia (all forms) ...	—	—	—
5. Bronchitis	—	—	—
6. Enteritis	—	—	—
7. Atelectasis	—	—	—
8. Injury at birth	4	1	5
9. Prematurity	—	—	—
10. Congenital Anomalies	2	—	2
11. Atrophy, debility & marasmus	—	—	—
12. Other causes	1	1	2
Total ...	7	2	9

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES

Diseases Notified during 1972

Notifiable Diseases	No. of Cases Notified 1972	No. of Cases Notified 1971
Measles	632	24
Dysentery	—	4
Scarlet Fever	15	10
Whooping Cough	—	1
Pulmonary Tuberculosis ...	6	21
Other forms of Tuberculosis	1	—
Food poisoning	—	4
Acute Encephalitis (Post In- fectious)	—	—
Infective Jaundice	15	1

The routine work of immunisation is now greatly augmented and the county computer sends for the children and holds all records. Not only do infants receive protection against diphtheria, whooping cough and tetanus, but in addition they are vaccinated against measles, poliomyelitis, and Rubella (German Measles) while children approaching school leaving age or contacts of cases of tuberculosis are offered protection against tuberculosis by vaccination with B.C.G.

Information about this is included in the annual report of the Divisional Health Office which is included in the report.

TABLE 11—NOTIFIABLE DISEASES DURING THE YEAR 1972

DISEASE	AT AGES—YEARS.										Total Cases notified
	Under 1 year	1-2	2-9	9-14	14-19	19-24	24-29	29-34	34 and upwards	Age Unknown	
Smallpox	1	1	1	2	3	4	5	6	7	8	15
Scarlet Fever	1	1	1	2	3	4	5	6	7	8	15
Diphtheria	1	1	1	2	3	4	5	6	7	8	15
Enteric or Typhoid Fever (including Para-Typhoid)	1	1	1	2	3	4	5	6	7	8	15
Para-Typhoid Fever	1	1	1	2	3	4	5	6	7	8	15
Acute Encephalitis	1	1	1	2	3	4	5	6	7	8	15
Acute Poliomyelitis:—	1	1	1	2	3	4	5	6	7	8	15
Paralytic	1	1	1	2	3	4	5	6	7	8	15
Non-Paralytic	1	1	1	2	3	4	5	6	7	8	15
Measles	22	52	59	92	320	4	4	1	10	10	632
Whooping Cough	1	1	1	2	3	4	5	6	7	8	15
Food Poisoning	1	1	1	2	3	4	5	6	7	8	15
Infective Jaundice	1	1	1	2	3	4	5	6	7	8	15
Dysentery	1	1	1	2	3	4	5	6	7	8	15
TOTALS	23	53	60	94	333	10	5	5	—	10	662

TABLE III—THE ANALYSIS RETURNS FOR 1972

Cause of Death	M.	F.	Total
1. Enteritis and other Diarrhoeal Diseases	—	1	1
2. Malignant Neoplasm, Buccal Cavity, Etc. ...	—	2	2
3. Malignant Neoplasm, Oesophagus	1	—	1
4. Malignant Neoplasm, Stomach	8	6	14
5. Malignant Neoplasm, Intestine	10	9	19
6. Malignant Neoplasm, Lung, Bronchus	15	4	19
7. Malignant Neoplasm, Breast	—	17	17
8. Malignant Neoplasm, Uterus	—	4	4
9. Malignant Neoplasm, Prostate	3	—	3
10. Leukaemia	2	1	3
11. Other Malignant Neoplasms	11	12	23
12. Benign and Unspecified Neoplasms	—	1	1
13. Diabetes Mellitus	2	3	5
14. Avitaminoses, Etc.	1	—	1
15. Other Endocrine, Etc., Diseases	—	1	1
16. Anaemias	1	2	3
17. Other Diseases of Blood, Etc.	1	—	1
18. Chronic Diseases of Nervous System	1	3	4
19. Hypertensive Disease	5	12	17
20. Ischaemic Heart Disease	79	86	165
21. Other Forms of Heart Disease	17	10	27
22. Cerebrovascular Disease	27	55	82
23. Other Diseases of Circulatory System	11	13	24
24. Influenza	1	1	2
25. Pneumonia	24	53	77
26. Bronchitis and Emphysema	25	2	27
27. Asthma	2	—	2
28. Other Diseases of Respiratory System	4	9	13
29. Peptic Ulcer	2	1	3
30. Appendicitis	—	1	1
31. Intestinal Obstruction and Hernia	2	3	5
32. Cirrhosis of Liver	—	1	1
33. Other Diseases of Digestive System	4	4	8
34. Nephritis and Nephrosis	2	1	3
35. Other Diseases, Genito - Urinary System ...	1	4	5
36. Diseases of Skin, Subcutaneous Tissue	—	1	1
37. Diseases of Musculo-Skeletal System	—	2	2
38. Congenital Anomalies	1	2	3
39. Birth Injury, Difficult Labour, Etc.	5	—	5
40. Other Causes of Perinatal Mortality	—	1	1
41. Motor Vehicle Accidents	2	—	2
42. All Other Accidents	3	5	8
43. Suicide and Self-Inflicted Injuries	2	1	3
44. All Other External Causes	—	4	4
Total all Causes	280	348	628

DEATHS, 1972

HOME AND INSTITUTIONAL

Place of Death	Male	Female	Total
At Home	110	113	223
Other Private houses in borough ...	1	1	2
Welfare institutions	1	8	9
Macclesfield hospitals—			
General Infirmary Branch	43	36	79
West Park Branch	53	69	122
Moss Lane Branch	—	13	13
Parkside Hospital	37	85	122
Other institutions (including transfers in)	33	23	56
Elsewhere	2	—	2
	269	354	628

THE TOWN'S WATER SUPPLY

The Town's water supply was taken over in 1961 by the Macclesfield District Water Board and the following report is by courtesy of the Deputy Engineer and Manager to the Board.

- (a) The supply to the Borough of Macclesfield has been satisfactory both as regards quality and quantity.
- (b) No form of contamination has been found in any of the treated water supplied to Macclesfield.
- (c) I have no information on the number of dwelling houses and the number of population supplied from the mains either direct to houses or by means of standpipes.
- (d) & (e) No routine tests are made on the bacteriological quality of the raw waters, but monthly samples are taken within the Borough on points downstream of the service reservoirs, in order to ensure that the water going into supply is bacteriologically pure. The chemical analyses of all raw waters are made biennially.
- (f) None of the waters used for public supply within the Borough of Macclesfield is known to have any plumbosolvent action.

MAIN DRAINAGE TREATMENT WORKS

REPORT FOR YEAR ENDING 31 DECEMBER, 1972

The dry-weather flow during the past year has slightly increased and is now 5.55 million gallons per day. The quality of the effluent has remained the same, i.e., generally satisfactory. However, heavy discharges of trade effluent from the pharmaceutical factories adversely affect the quality of the effluent discharged to the river. Further extensions to enlarge the capacity of the Works up to 7.8 million gallons per day are now in the design stage and awaiting Ministry approval.

It is proposed to adopt, during the next extensions, a method of pre-aeration of the sewage after settlement, prior to the effluent being discharged onto the bacteria beds for the final purification and nitrification. The cost of the extensions is likely to be in the region of one and a quarter million pounds, excluding the tertiary treatment unit for which there is still some doubt as to whether this will be required.

The future extensions are to be phased in two stages, so that the southern section of the Works will be completed before the extensions to the northern section are allowed to commence. This will permit us to carry out further plant investigations into the oxidisation of the sewage by the new method, and will enable any improvements found to be adopted in the second phase of the extensions.

A sludge pressing plant is to be constructed to augment the sludge drying beds and the sludge tankering service to farm lands.

Considerable experimental and investigations work has been carried out in the Works laboratory into the pre-aeration of the sewage and into the elutriation of the digested sludge prior to pressing to obtain design data for the proposed extensions.

CHESHIRE COUNTY COUNCIL**HEALTH SERVICES, 1972****MACCLESFIELD DIVISION**

I reported last year on the success of the first full year of nurse attachment to General Practitioners. 1972 was again a successful year, however, the statistics are not comparable to those of the previous years because the nurses attend Doctor's patients outside the division and nurses on the establishment of South-East Cheshire Division are attached to Macclesfield Practitioners. The statistics for the district nursing service and the home nursing loan equipment do show that a vast amount of patient care was given, this together with information from certain Practitioners lead me to believe that the Primary Health Care Teams envisaged after the reorganisation of the National Health Service in 1974 have in fact commenced (in an embryonic form) to operate in some practices in 1972.

During 1972, most babies were born in hospital and no one who wished a hospital confinement was refused, though 349 confinements in hospital were short term admissions for a period of up to 48 hours and all of these patients were subsequently attended by the domiciliary midwives from the time of their arrival home from hospital. The total births again show a fall and I regret that there is a substantial increase in the number of illegitimate births to a total of 91, which represents 11.7 per cent of total births compared with 7 per cent in 1971 when I went on record as hoping the downward trend from 1969 would continue, instead the percentage is now virtually the same as in 1969.

I would mention that the Macclesfield Health Division van took over responsibility for the work of South-East Cheshire Division, the van serving that division being allocated to the Social Services Department, indeed this change would not have been possible had not the Social Services Department undertaken the work which both divisions were

doing for the Social Services Department. Even so there have been some difficulties, for example deliveries of home nursing equipment cannot be made so promptly in both divisions because of the area and population served and it will be understood that there is a major difficulty when the van has to be off the road because of repairs, servicing and occasionally from illness.

I should like to thank all the staff in the division for their hard work throughout the year and I would express my appreciation of the help given to us by other departments and by the departments of the Borough of Macclesfield and Urban District of Bollington.

W. R. PLEWS,
Divisional Medical Officer.

STAFF**Macclesfield Division**

Divisional Medical Officer (Part-time with Macclesfield Borough), W. R. Plews, L.R.C.P. & S., D.R.C.O.G., D.P.H.

Departmental Medical Officer & School Medical Officer, H. M. Levis, M.R.C.S., L.R.C.P., M.B., B.S., D.P.H.

Departmental Medical Officer, Ruth D. Owen, M.B., Ch.B. (Part-time)

Ophthalmic Surgeon (Part-time), A. Holmes-Smith, M.A., M.B., B. Chir., D.O.M.S.

Paediatrician (Part-time), J. D. Allan, M.D., F.R.C.P.

Ear, Nose & Throat Surgeon (Part-time), O. T. Taylor, M.B., Ch.B.

Child Guidance Psychiatrist, J. L. Lancely, M.D., M.R.C.P., D.P.M.

Area Nursing Officer, Mrs. B. R. Gregson (Part-time with S.E. Cheshire Division).

Area Dental Officer, G. J. Hartley.

County Chiropodist, Mr. F. Murphy (Part-time with S.E. Cheshire Division).

Speech Therapist (Part-time),

Divisional Health Office

Divisional Administrative Assistant, H. Greenhouse (Part-time with Macclesfield Borough).

Clerks:

Mrs. M. H. Andrews (Welfare Foods & Chiropody).

Mrs. B. Honey (Immunological Records).

Miss R. Newton (Part-time with Macclesfield Borough).

Miss H. Hudson.

Mrs. R. J. Coe (Part-time Immunological).

Mrs. I. G. Marshall (Part-time Welfare Foods).

Clinic Clerk (Part-time), Mrs. M. Siggins and Mrs. M. G. Shaw.

School Clerks, Mrs. E. Ellis and Mrs. M. H. Collier (Part-time), Mrs. P. E. Bradley (Part-time with S.E. Cheshire Division).

Health Visitors

- Miss T. Martin, County Clinic Centre, Weston (Tel. 23721).
 Miss J. Samuels, 52 Bridge Street (Tel. 25501).
 Miss M. Marsden, Hurdsfield House (Tel. 23282).
 Mrs. J. Wildman, 52 Bridge Street (Tel. 25501).
 Miss M. V. Cooke, Bollington Welfare Centre (Tel. 72376).
 Miss C. Crosbie, County Clinic Centre, Sanders Square (Tel. 23800).
 Mr. J. Welch, Hurdsfield House (Tel. 23282).
 Miss H. M. Dawson, Hurdsfield House (Tel. 23282).
 Miss A. C. Ridley, Hurdsfield House (Tel. 23282).

County Midwives

- Miss F. A. Scrivens, Flat 2, Sunny Bank, London Road (Tel. 23853).
 Mrs. M. Woolstenhulme, 24 Pownall Street (Tel. 24575).
 Mrs. F. E. Davies, 10 Fairfield Avenue, Bollington (Tel. 72326).
 Mrs. M. Fitzgerald, 2 Wilton Crescent, Weston (Tel. 21495).
 Miss E. Barlow, 82 Ivymeade Road (Tel. 25560).
 Mrs. A. Watson (Part-time), 217 Hurdsfield Road (Tel. 24455).
 Miss B. Burns, Oakwood, Chapel Lane, Rainow (Tel. 72361).
 Mrs. A. Williams, 5 Field Close, Bollington (Tel. 73677).

District Nurses

- Mrs. H. A. M. Wolfenden, 136 Earlsway, Weston (Tel. 24807).
 Mrs. M. D. Hanily, Billingside Farm, Rainow (Tel. 73418).
 Mr. J. E. Billings, 21 Hillcrest Road, Gawsorth (Tel. 25654).
 Mrs. M. Wood, Walkmill Farm, Ingersley Vale, Bollington (Tel. 73204).
 Mrs. J. L. Garforth, 16 Princess Drive, Bollington (Tel. 73505).
 Mrs. B. F. Taylor, 6 Yew Tree Close (Tel. 27920).
 Mrs. J. Fergusson, 20 Fairview Road (Tel. 26207).
 Mrs. L. McHattie, Burrswood, London Road, Prestbury (Tel. 49810).
 Mrs. E. M. Hooper, 293 Chester Road (Tel. 29462).
 Miss K. M. Downes, 140a Oxford Road (Tel. 29185).

Clinic Nurses

Mrs. J. Porter, School Clinic, Pierce Street (Tel. 23053)

Mrs. J. V. Lomas, School Clinic, Pierce Street (Tel. 23053)

Mrs. M. K. Warrington, School Clinic, Pierce Street (Tel. 23053)

Mrs. S. M. Tyrer, School Clinic, Pierce Street (Tel. 23053).

There were a number of staff changes during the year and the above list is the position as at 31st December, 1972.

The Department administers approved proposals under the National Health Service Act 1946, as under:—

Section 22—Care of Mothers and Young Children

Section 23—Midwifery

Section 24—Health Visiting

Section 25—Home Nursing

Section 26—Vaccination and Immunisation

Section 28—Prevention of Illness, Care and After Care

SECTION 22—CARE OF MOTHERS AND YOUNG CHILDREN

County Clinic Centre	Health Visitors & Tel. No.
Earlsway, Weston, Macclesfield.	—Miss T. Martin (Tel. Macc. 23721).
Hurdsfield House, Brocklehurst Avenue, Macclesfield.	—Miss M. Marsden, Mr. J. Welch, Miss H. Dawson & Miss A. Ridley (Tel. Macc. 23282).
Sanders Square, Moss Estate, Macclesfield.	—Miss C. Crosbie (Tel. Macc. 23800).
52 Bridge Street, Macclesfield.	—Miss J. Samuels & Mrs. J. Wildman (Tel. Macc. 25501).
Wellington Road, Bollington.	—Miss M. V. Cooke (Tel. Boll. 72376).
Pierce Street, Macclesfield.	(Tel. Macc. 23053).

During the year 1971, Developmental Screening of Young Children was commenced in some of the County Clinic Centres and commencing with all births on and after 1st January, 1972, Developmental Paediatric Clinics replaced the Child Health Clinics on a computer based programme.

Application for Admission to West Park Hospital

	(1971)	1972
Number of Applications received	(672)	710
Number of Applications for West Park Hospital:—		
Full Term	(343)	361
Short Term (48 hours)	(294)	349
Home Confinements due to non-acceptance	(35)	Nil

Welfare Foods

The main storage and distribution centre at the Divisional Health Office, Macclesfield and the distribution points at 52 Bridge Street, Hurdsfield House, Sanders Square, Weston Estate and Bollington Welfare Centre were retained. During the latter half of the year the sale of Orange Juice and Cod Liver Oil was phased out and replaced by Vitamin Drops.

During the year the following quantities of foods were distributed, the previous year being shown in brackets:-

	(1971)	1972
National Dried Milk	(885)	712
Orange Juice	(7161)	—
Cod Liver Oil	(634)	6
Vitamins A & D Tablets	(1044)	619
Vitamins A, D & C Drops	(1197)	2078
	<hr/> (10921) <hr/>	<hr/> 3415 <hr/>

Branded Foods including Milk Foods, Cereals and other Commodities are no longer sold at the County Clinic Centres.

Specialist Clinics

Ophthalmic Clinic:—The Ophthalmic clinic at the Pierce Street Clinic Centre is available to mothers and children under 5 years of age and the following is a report of the work done during the year:-

No. of mothers who attended	Nil
No. of children under 5 years who attended ...	99
No. of attendances made by children under five years	290
No. of children for whom glasses were prescribed	295

Ear, Nose & Throat Clinic:—The Clinic is held once each month at the Pierce Street Clinic Centre and is available to Mothers and Children under 5 years:—

No. of mothers who attended	...	...	...	...	Nil
No. of attendances made by children under five years	...	...	...	...	3
No. of children referred for Tonsils and Adenoids operation	...	...	...	...	14

SECTION 23—MIDWIVES SERVICES

Notification of births received:—

	Live		Stillborn		Total		Total
	M.	F.	M.	F.	M.	F.	births.
Legitimate	346	335	1	2	347	337	684
Illegitimate	41	49	1	—	42	49	91
	387	384	2	2	389	386	775

Though total births fell from 836 in 1971 to 775 in 1972 I have to report an increase of 31 illegitimate to 91, of these some 46 were to mothers aged 18 years or under.

There are seven full-time midwives and one part-time midwife employed in the division. There was a total of 775 births in the Division, 389 males and 386 females, of which 122 were home confinements and 649 Hospital or Nursing Home confinements.

LIVE BIRTHS took place as follows:—

	Macclesfield		Bollington		Total	
	(1971)	1972	(1971)	1972	(1971)	1972
Hospital Confinements	(560)	570	(85)	79	(645)	649
Home Confinements	(169)	111	(22)	11	(191)	122
	(729)	681	(107)	90	(836)	771

In addition to the 122 home confinements attended by the Midwives they also attended 349 early hospital discharges.

HEALTH VISITORS

The ten Health Visitors in the division are now attached to the General Practitioners and the statistics given below cover a wider area than in the past because of attachment and it is therefore not possible to give comparative figures for the previous year.

Visits made to:—	1972
Children under 1 year	917
Children 1 — 5 years	1724
Persons between 17 — 64 years	460
Persons over 65 years	883
Mentally Disturbed	30
Handicapped Persons	5
School Children	116
Cases of T.B.	38
Cases of Infectious Disease	16
Miscellaneous Visits	12252
	<hr/>
	16441
	<hr/>

In addition to the above visits, the following clinics were attended by the ten Health Visitors:- Child Health, Hospital Paediatric Clinic Hospital Geriatric Clinic, Young Children's Developmental Paediatrics, Ante - Natal Clinic Vaccination and Immunisation, School Medical and Head Inspections and the various specialist clinics.

SECTION 25—DOMICILIARY NURSING

The District Nurses employed in the division are all attached to the General Practitioners and consequently the statistics given below cover a wider area than previously and it is therefore not possible to give comparative figures for the previous year.

General

Nursing	Dressings	Injects.	Bedbaths	Gen. Care	Others	Total
7580	10489	7183	3270	4763	1302	34587

New Cases in Patients Homes

(a) No. of persons treated under 5 ...	81
(b) No. of persons treated aged 5 — 64 ...	427
(c) No. of persons treated 65 and over ...	1020

General Practitioner's Premises

(a) No. of persons treated under 5	178
(b) No. of persons aged 5 — 64	1106
(c) No. of persons treated 65 and over ...	305

Residential Homes

(a) No. of persons treated under 5	2
(b) No. of persons treated aged 5 — 64 ...	6
(c) No. of persons treated 65 and over ...	25

LOAN OF MEDICAL AND SURGICAL EQUIPMENT

Items of Home Nursing Equipment for loan are available at the Divisional Health Office. These articles were issued to new patients during the year 1972 as follows:-

	(1971)	1972
Wheel Chairs	(33)	37
Bed Rests	(30)	39
Air Cushions	(28)	19
Bed Pans	(30)	42
Urinals	(10)	22
Feeding Cups	—	3
Bed Cages	(14)	17
Commodes	(46)	69
Bath Aids	—	—
Walking Aids	(34)	42
Toilet Aids	—	—
Hoyer Hoists	—	—
Enuresis Alarms	(13)	22
Free Standing Bed Poles	(2)	18
Ripple Beds	(3)	2
	<hr/> (243) <hr/>	<hr/> 332 <hr/>

In addition to the above, Bed Pans have been issued to the Midwives for use in confinement cases. Protective incontinence pants were also issued and 16,800 disposable interliners and 16,800 disposable sheets were purchased for issue to incontinent patients. Plastic sheets are also supplied to the District Nurses for incontinent and nursing patients.

Disposable syringes and needles, gloves, medi-swabs, catheters, etc., are also issued to the Nursing staff from stocks held in the Divisional Health Office.

SECTION 26—VACCINATION AND IMMUNISATION

Records of Vaccination and Immunisation of persons under 16 years:—

SMALLPOX VACCINATION

In accordance with national policy, vaccination against Smallpox in children was discontinued during 1971 and consequently no figures are now available.

Diphtheria/Whooping Cough/Tetanus (Triple)

		Completed Doses		Reinforcing Doses	
		(1971)	1972	(1971)	1972
By Practitioners	... ..	(303)	425	(2)	—
At Clinics	... ..	(468)	392	(—)	2

Diphtheria/Tetanus

By Practitioners	...	...	(—)	—	(462)	288
At Clinics	...	...	(—)	—	(467)	457

Tetanus

By Practitioners	...	...	(—)	—	(—)	—
At Clinics	...	...	(—)	—	(—)	—

Poliomyelitis Vaccination**Oral Sabin:—**

By Practitioners	...	...	(243)	350	(309)	246
At Clinics	...	...	(464)	391	(290)	391

Measles

By Practitioners	...	...	(224)	282	(—)	—
At Clinics	...	...	(714)	338	(—)	—

Rubella

By Practitioners	...	...	(10)	33	(—)	—
At Clinics	...	...	(444)	391	(—)	—

SECTION 28 — PREVENTION OF ILLNESS CARE AND AFTER CARE**Cytological Clinic**

This clinic was started in October 1966 to carry out tests for ladies between the ages of 25—60 years, to find those with pre-cancerous conditions and preventing the development of Cancer of the Cervix.

During 1972, 44 sessions were held and 613 patients attended, and 61 suspicious cases were referred to their own Doctor for further investigation.

Recuperative Convalescence

During the year, ten persons were sent for recuperative convalescence, having been recommended by their General Practitioners.

Health Advisory Service for the Aged

This service continued at the Macclesfield Darby and Joan Club run by the W.R.V.S. held at the Parish Rooms, Cumberland Street and Heyes Hall, Weston, also at the Darby and Joan Club run by the Inner Wheel at Ryles House, Ryles Park, Macclesfield.

Health Education films are shown during the winter months and the Clinic Nurse attends to answer questions and talk to the Members individually at each club, once per month, the total attendances at all three clubs during the six months was 810.

The films shown on Health Education and travel films on places of interest have been greatly appreciated by the Members of the Clubs and many of the Members have expressed their interest in the films and the wish to see more. The Clinic Nurse has also been able to successfully deal with problems that have been brought to her notice either by the members or by the members of the W.R.V.S. and Inner Wheel.

The films shown are as follows:-

A Better Place to Live In	Jutland in July
Family Album	Ilfracombe
The Air My Enemy	The Eternal Forest
The Ancient Sea	Here is Holland
What, Where and When	Riccione and Its Excursions

B.C.G. Vaccination

B.C.G. Vaccination against Tuberculosis is available to children in their 13th year. This age group involves eight schools in the Division and the following table shows the number of children vaccinated during the year.

	(1971)	1972
Number of Children in age group	(987)	1044
Number of Consents received ...	(833)	896
Number of Children Tested by P.P.D. Injections	(792)	866
Number of Children Vaccinated with B.C.G.	(702)	800

Chiropody Service

This service is available to pensioners, expectant mothers and physically handicapped persons who are receiving assistance from the Ministry of Social Security and a part-time County Chiropodist commenced work at the beginning of 1970 in addition to the private chiropodist.

The following table shows the number of new cases and total treatments given for the year by the County Chiropodist and private chiropodists:-

	No. of New Cases		No. of Treatments given		Total Number of Patients treated	
	(1971)	1972	(1971)	(1972)	(1971)	1972
Persons over 65 years ...	(115)	108	(3234)	2903	(556)	597
Physically Handicapped	(—)	3	(128)	112	(27)	20
Expectant Mothers	(—)	—	(—)	—	(—)	—
	(115)	111	(3362)	3015	(583)	617

Of the above the County Chiropodist treated 344 patients and gave 1587 treatments, in addition to this the trainees at the Adult Training Centre, the children at the Park Lane Special School and other school children received treatments as follows:—

	Number of Treatments	
	(1971)	1972
Adult Training Centre ...	(78)	113
Park Lane Special School ...	(—)	33
School Children	(15)	77

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT

6 Market Place,
MACCLESFIELD

To the Chairman and Members of the Community and Health Services Committee.

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in submitting my Sixth Annual Report on the environmental section of the Health Department.

During 1972 the threat and problems of Local Government Reorganisation has overshadowed all our activities. Originally it was intended that there should be a link up with authorities South of us, i.e. Congleton Borough and Rural District, but this was abandoned at the request of those authorities and a new area entailing amalgamation with authorities to the Westward envisaged, i.e. Knutsford Urban and Bucklow Rural District. We had just become used to this idea and formed the necessary Working Parties when Wilmslow Urban District Council and the Parish of Poynton with Worth was added to the area.

Nationally, 1,392 local authorities are to be reduced to 410, a ratio of approximately three to one. Immediately the new authority faces particular problems when merging eight authorities of three different types, with the largest ten times bigger than the smallest.

There is another aspect of reorganisation that so far has received little attention. There is to be a simultaneous reorganisation of the National Health Service, which will inevitably mean that many of the links forged over past years will be broken and new lines of consultation and co-ordination with Area and District Health Authorities will have to be made.

ENVIRONMENTAL HEALTH ADMINISTRATION

809 complaints were investigated, and 9,717 visits were made to premises in the Borough for purposes appertaining to the Acts and regulations administered by the Departments Inspectorate.

TOTAL INSPECTIONS AND VISITS

1. HOUSING ACTS

(a) Houses etc. Areas	668	
(b) Houses Individual	163	
(c) Houses Overcrowded	2	
(d) Houses Multiple Occ.	6	
(e) Improvement Grants	458	
(f) Qualification Certs.	68	
(g) Misc. Housing	422	
	<u>1787</u>	1787

2. PUBLIC HEALTH

(a) Structural	443	
(b) Drainage	1146	
(c) Dirty or Verminous	80	
(d) Infectious Disease	140	
(e) Water Supplies Invest.	54	
(f) Water Supplies Sampling	186	
(g) Pests Insect	299	
(h) Pests Rodent	595	
(i) Places of Entertainment	—	
(j) Public Cleansing	875	
(k) Public Conveniences	30	
(l) Miscellaneous	1146	
	<u>4994</u>	4994

3. OTHER ACTS

(a) Civic Amenities	183	
(b) Clean Air	114	
(c) Moveable Dwellings	43	
(d) Noise	118	

(e) Diseases of Animals	40	
(f) Pet Shops etc	4	
(g) Hairdressers	3	
(h) Other	108	

613 613

ENVIRONMENTAL HEALTH

MISC.

4. FOOD AND DRUGS

CONSUMER PROTECTION

(a) Shops	149	
(b) Canteens & Cafes etc	19	
(c) Bakehouses	19	
(d) Vehicles & Stalls	19	
(e) Licensed Premises	15	
(f) Preserved Food Premises	3	
(g) Slaughterhouses	25	
(h) Meat Inspection	1120	
(i) Food Condemnations	74	
(j) Food Complaints	96	
(k) Milk Distributors	17	
(l) Food Sampling	298	
(m) Ice Cream Sampling	206	
(n) Milk Sampling	41	
(o) Miscellaneous	28	
	<u>2129</u>	2129

5. O.S. & R. P.

EMPLOYEE PROTECTION

(a) Offices	27	
(b) Retail Shops	125	
(c) Wholesale & Warehouses	3	
(d) Catering Premises	15	
(e) Fuel Stores	—	
(f) Accident Investigation	5	
(g) Miscellaneous	3	
	<u>178</u>	178

6. FACTORY ACTS

(a) Power Factories	16	
(b) Non Power Factories	—	
(c) Building Sites etc	—	
(d) Outworkers	—	
(e) Miscellaneous	—	
	<u>16</u>	16
	<u>9717</u>	

The Sanitary defects dealt with in dwellinghouses were as follows:—

	Found	Remedied
Drainage	118	91
Dirty and Verminous Premises	—	—
Structural	167	104
Sanitary Accommodation	42	36
Water Supplies	4	4
Other	22	22
	<u>353</u>	<u>257</u>

NOTICES

	Informal		Statutory	
	Served	Complied	Served	Complied
Housing Act (Section 9) ...	—	—	—	—
Public Health Act:—				
Section 39	41	26	11	5
Section 45	30	22	7	4
Section 92	80	35	30	18
Other Sections	21	16	3	3
Food and Drugs Act	61	32	—	—
Factories Act	4	—	—	—
Public Health Act 1961				
Section 17	—	—	38	35
OSRP Act 1963	75	36	—	—
	<u>312</u>	<u>167</u>	<u>89</u>	<u>65</u>

Eradication of Bed Bugs, Beetles, Fleas, etc.

Number of houses found to be infested:—

(a) Council Houses	2
(b) Other Houses	Nil

Number of disinfestations carried out by Private Contractors —

Number of disinfestations carried out by Local Authority 2

Destruction of Rats and Mice:—

Infestations Found and Dealt With:—

(1) Total number of premises inspected	137
(2) Total number of inspections as a result of notification	93
(3) Total number of surveys made	15
(4) Total number of visits made	840
(5) Total number of rat infestations found	68
(6) Total number of mice infestations found	46

HOUSING

1.—Number of New Houses erected during the year:—

(a) Total, including numbers given separately under (b)	453
(i) By Local Authority	—
(ii) By other Local Authorities	—
(iii) By other Bodies or Persons	453
(b) With State Assistance under the Housing Acts:—	
(i) By Local Authority	—

2.—Inspection of Dwelling-Houses during the year:—

1. (a) Total number of dwelling-houses inspected (under Public Health or Housing Acts) ...	2032
(b) Number of visits made for the purpose ...	5876
2. (a) Number of dwelling-houses (including under sub-head (1) above) which were inspected and recorded	94
(b) Number of visits made for the purpose ...	831
3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	94
4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	261

3. Remedy of Defects during the year without Service of Formal Notices:—

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	172
--	-----

4.—Action under Statutory Powers during the year:—

(a) Proceedings under sections 9, 10 and 12 of the Housing Act, 1957:—	
(i) Number of dwelling-houses in respect of which notices were served requiring repairs	—
(ii) Number of dwelling-houses which were rendered fit after service of formal notices	
(a) By owners	—
(b) By Local Authority in default of owners	—

(b) Proceedings under Public Health Acts:—

(i) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 89

(ii) Number of dwelling-houses in which defects were remedied after service of formal notices:—

(a) By Owners 47

(b) By Local Authority in default of owners 18

(c) Proceedings under Sections 16 and 23 of the Housing Act, 1957:—

(i) Number of dwelling-houses in respect of which Demolition Orders were made ... 8

(ii) Number of dwelling-houses demolished in Pursuance of Demolition Orders 17

(iii) Number of Undertakings accepted by the the Local Authority in respect of unfit houses —

(iv) Number of unfit houses made fit by the completion of the Undertakings given ... —

(d) Proceedings under Section 18 of the Housing Act, 1957:—

(i) Number of separate tenements or underground rooms in respect of which Closing Orders were made 2

(ii) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit 2

5.—Housing Act, 1957 (Part IV).—Overcrowding:—

(a) Number of new cases of overcrowding reported during the year 1

(b) (i) Number of cases of overcrowding relieved during the year 1

(ii) Number of persons concerned in such cases 7

(c) Particulars of any cases in which dwelling-houses have become overcrowded after the Local Authority have taken steps for the abatement of overcrowding

SLUM CLEARANCE PROGRESS

Clearance Areas

Since 1957 Forty of the Council's Areas viz:—

Turnock Street (No. 1) 1956 (C.P.O.)	...	=	44	houses
Knight's Brow (Nos. 1, 2 & 3) 1958 (C.P.O.)		=	56	"
Vincent Street (No. 1) 1959 (C.O.)	...	=	8	"
South Street (No. 1) 1959 (C.P.O.)	...	=	65	"
Hurdsfield Road (No. 1) 1960 (C.P.O.)	...	=	89	"
Commercial Road (No. 1) 1960 (C.P.O.)	...	=	54	"
Commercial Road (No. 2) 1960 (C.P.O.)	...	=	70	"
Cotton Street (No. 1) 1960 (C.P.O.)	...	=	95	"
Commercial Road (Nos. 3 & 4) 1961 (C.P.O.)		=	56	"
Samuel Street (No. 1) 1961 (C.O.)	...	=	22	"
Commercial Road (No. 5) 1962 (C.O.)	...	=	7	"
Waterloo Street (No. 1) 1962 (C.P.O.)	...	=	110	"
Bank Street (No. 1) 1963 (C.P.O.)	...	=	44	"
Gosling Street (No. 1) 1964 (C.P.O.)	...	=	38	"
Justice Street (No. 1) 1964 (C.O.)	...	=	3	"
Arbourhay Street (No. 1) 1964 (C.O.)	...	=	5	"
Bank Street (Nos. 2, 3 and 4) 1964 (C.P.O.)		=	36	"
Bank Street (No. 5) 1964 (C.P.O.)	...	=	18	"
Cross Street (No. 1) 1965 (C.O.)	...	=	11	"
Snowhill (No. 1) 1965 (C.P.O.)	...	=	41	"
Windmill Square (Nos. 1 & 2) 1965 (C.P.O.)		=	69	"
Swettenham Street (No. 1) 1966 (C.O.)	...	=	5	"
Waterloo St. (Nos. 2, 3, 4 & 5) 1967 (C.P.O.)		=	155	"
Buxton Road (No. 1) 1968 (C.P.O.)	...	=	4	"
Brock Street (No. 1) 1969 (C.O.)	...	=	2	"
Parsonage Street (No. 1) 1969 (C.O.)	...	=	4	"
Wellington Street (No. 1) 1970 (C.O.)	...	=	25	"
Lees Street (No. 1) 1970 (C.O.)	...	=	8	"
Saville Street (No. 1) 1970 (C.O.)	...	=	17	"
Pool Street (No. 1) 1970 (C.O.)	...	=	5	"
Crompton Road (No. 1) 1971 (C.P.O.)	...	=	10	"

Total 1176 houses

have been confirmed by the Department of the Environment. Demolition has been completed in respect of 1135 dwelling-houses situated in clearance areas.

Future Areas

Inspection has been completed in five other areas which have been represented to the Planning and Development Committee. These are known as:—

Parsonage Street (No. 2) 1972 (C.P.O.)	...	4	houses
Paradise Street (Nos. 1, 2, 3 & 4) 1972 (C.P.O.)		77	houses

This makes a total of 1257 houses which have been or will be subject to the clearance area procedure.

Work is also in progress on the inspection of dwellings in the Shaw Street and White Street areas, totalling approximately 56 houses.

Individual Unfit Houses

During the period 1st July 1956 to 31st December, 1972

313 Houses have been demolished

66 Houses have been closed

FACTORIES ACT, 1961

1.—Inspections for purposes of provisions as to health made by Public Health Inspectors:—

	No. on register.	Inspec- tions.	Written notice
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	4	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	273	16	4
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out - workers' premises)	13	—	—
Total ...	290	16	4

2.—Cases in which defects were found:—

	Found.	Remedied.	Referred byH.M. Inspector
Want of cleanliness (S.1) ...	—	—	—
Overcrowding (S.2)	—	—	—
Unreasonable temperature (S.3)	—	—	—
Inadequate ventilation (S.4)	—	—	—
Ineffective drainage of floors (S.6)	—	—	—
Sanitary Conveniences (S.7)—			
(a) Insufficient	1	—	—
(b) Unsuitable or defective ...	1	—	—
(c) Not separate for sexes	—	—	—
Other offences	2	—	—
Totals ...	4	—	—

Out-workers—

Manufacture of wearing apparel	244
Curtains and furniture hangings	41
	<hr/>
Total	285
	<hr/>

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963**Registration and Inspection**

The total number of registered premises within the Borough increased by two, although a total of 34 new registrations were made during the year; 32 premises ceased to be registered. The changes occurred in the following classes of premises.

- (a) Offices: +4
- (b) Shops: —1
- (c) Warehouses: No change.
- (d) Catering Establishments: —2
- (e) Fuel Stores: +1

The number of staff employed in registered premises has increased by 125 males and 50 females, a total of 175 persons. The principal increase in staffing has been in shops with an additional 88, followed by offices with an additional 53.

A slight improvement in staffing in the Public Health Department early in the year resulted in a few more inspections being made. Towards the end of the year staffing problems recurred.

Operation of the General Provisions of the Act

Inspections and visits to premises have all been of a routine nature and no serious problems have been encountered.

Accidents

Of the six accidents reported (the same number as in 1971), none were of a serious nature and it was not found necessary to take any action other than the giving of advice.

Accident details:—

1. A female assistant in a clothing store accidentally dropped a dress rail which struck her leg and inflicted a fracture of the leg.

Action Taken: Investigations indicated that this was an unavoidable accident and no further action was necessary.

2. A young male shop assistant whilst unloading stock was trapped against a wall by a combinator and sustained bruises.

Action Taken: Advice given re positioning of equipment and staff.

3. A female shop assistant fell and bumped her head.
Action Taken: Investigations revealed that the accident had not been caused by negligence and no further action was necessary.
4. A male shop assistant fell from the rear of a vehicle whilst unloading goods but was not seriously hurt.
Action Taken: Advice given re protection of staff during movement of stock.
5. A female shop assistant strained a back muscle whilst throwing an empty box into a lift.
Action Taken: Investigations indicated an unavoidable accident and no further action was necessary.
6. A female shop assistant lost her balance whilst moving stock and strained her back.
Action Taken: Investigations indicated an unavoidable accident and no further action was necessary.

Prosecutions

It was not found necessary to institute any legal proceedings during the year.

Total number of registered premises at end of the year:—

Offices	154
Retail shops	288
Wholesale shops, warehouses	17
Catering Establishments open to the public, canteens	31
Fuel storage depots	2
	<hr/>
	492
	<hr/>

Number of visits of all kinds by inspectors to registered premises ... 178

Analysis of persons employed in registered premises by work-place:—

Offices	1646
Retail Shops	1321
Wholesale departments, warehouses	137
Catering establishments open to the public	226
Canteens	21
Fuel Storage Depots	2
	<hr/>
	3361
	<hr/>
Total Males	1738
Total Females	1623

FOOD AND DRUGS ADMINISTRATION

The Macclesfield Borough Council took over the functions of a Food & Drugs Authority on the 1st April, 1971. The statistics on sampling which follow relate to the first full year's activity. The most unsatisfactory area was once again in prepared foods, i.e. sausages, pies, etc. These days "consumer protection" is a popular subject and it is odd that whilst there is a standard for the humble meat and potato pie there is none for a potato and meat pie; the customer asks for the former and usually gets the latter. This, and the precise method of formally sampling pies, pasties and rolls, requires attention when national legislation is amended.

The sampling of milk is undertaken by Cheshire County Council. Milk is sold raw from four dairy herds in the district and particular attention is being paid to the possible spread of brucellosis due to the consumption of untreated milk. 112 samples of milk were submitted for brucella examination. All were found to be negative upon cultural examination.

The following number of samples of water and ice-cream have been taken during the year for bacteriological and chemical examination:—

	Bacterio- logical	Chemical	Total
Ice-cream	88	—	88
Swimming Water	38	34	72
Drinking Water	53	53	106
	<hr/> 179	<hr/> 87	<hr/> 266

During the year 41 complaints made by the general public concerning food products were investigated by the Department. The details of these investigations and the action taken is shown in the table below:—

Food	Complaint	Action Taken
Canned Peaches	Contained a Wasp	No action — insufficient evidence.
Jar of Marmalade	Contained a black fragment	No action — identified as burnt Orange Peel.
Pudding and Chips	Contained a piece of plaster	Vendor warned.
Canned Tomatoes	Contained a nail	No action — insufficient information obtained from complainant.
Sweet & Sour King Prawn	Suspected to be Sausage Meat	Identified as Sweet and Sour Pork — Investigations indicated a genuine mistake—vendor warned.

Chicken Paste	Smelt Offensive	No action—natural odours but extra strong.
Instant Non-Fat Milk	Discoloured and unnatural odour	No action — product caramelised due to storage near heat.
Canned Pork Luncheon Meat	Blackening to meat and tin	Slight reaction between can and contents. Manufacturer informed.
Golden Ostermilk	Offensive odour	No action — odour stronger than normal but not unsatisfactory.
Canned Garden Peas	Offensive smell	Manufacturer informed.
Canned Cherries in Syrup	Unsound Cherries	Manufacturer warned.
Crumpet	Contained a Bristle	Manufacturer warned.
Peach Fool	Mouldy	No action — insufficient evidence.
Bilberry Tart	Glass Fragment in Tart	Warning sent to manufacturer, Fruit Wholesaler and Importer and Dairyman.
Cheese Spread with Smoked Salmon	Mouldy	Manufacturer warned.
White Loaf	Contained brown streaks	No action — identified as traces of wholemeal.
White Loaf	Dirty	No action — insufficient evidence.
Brown Loaf	Contained a piece of metal	Legal proceedings taken. Manufacturer fined £20.
Bottle of Milk	Dirt in bottle	Dairyman warned.
Bottle of Milk	Fly in bottle	Dairyman warned.
White Loaf	Mouldy	No action — insufficient information.
Cheddar Cheese	Mouldy	Vendor warned.
Walnut Fancies	Coded—out of date	Vendor warned.
Canned Chopped Pork and Ham	Blackening of meat	Manufacturer notified.
Bottle of Milk	Dirty Bottle	Dairyman warned.
Sweet & Sour Pork in Batter	Suspected not to be Pork	Complaint not substantiated — commodity identified as pork.
Chocolate Marshmallow Cake	Stale	No action — insufficient evidence.
Ostermilk Two	Unusual odour	No action necessary.
Parsley & Thyme Stuffing	Beetles	Insufficient evidence — manufacturer notified.
Cooked Chips	Silver foil in pack	No action — insufficient evidence.
Chicken	Decomposing	No action — insufficient evidence of state of chicken at the time of sale.

Cream Crackers	Contained foreign matter	Identified as edible fat with fine biscuit dust.
Sausage Roll	Contained a piece of metal	Manufacturer fined.
Apple Pie and Custard	Mouldy	No action — insufficient evidence of condition of pie at the time of sale.
Minced Meat	Contained a button	No action — insufficient evidence.
Sliced Corned Beef	Contained a foreign body	Identified as hide. No further action.
Beef Curry and Fried Rice	Suspected not to be Beef	Complaint not substantiated — commodity identified as beef.
Cheese	Contained a fly	Manufacturer warned.
Kipper Fillets	Unusual appearance	No contravention. No action
Corned Beef	Contained a comb tooth	Importer warned.
Plaice Fillets	Extra strong odour	Manufacturer warned, re sale of off fresh fish.

Food Hygiene (General) Regulations 1960

There are within the Borough 473 food premises composed of the following:—

Butchers (including pork butchers)	...	49
Cafes, restaurants and snack bars	...	23
Bakehouses	...	15
Confectioners shops (cakes)	...	17
Fish, fruit and vegetables	...	8
Fish and game	...	3
Fried fish	...	24
Mixed shops	...	165
Greengrocery and fruit	...	33
Licensed premises (includes off licences)	...	106
Licensed clubs	...	14
Factory canteens	...	14
Chicken barbecues	...	2
		<hr/> 473 <hr/>

The following premises are registered under Section 16 of the Food and Drugs Act, 1955:—

Sale of ice-cream	...	132
Manufacture of ice-cream	...	1
Preservation of food, etc.	...	59
Distributors of milk	...	98

During the year the following visits were paid to registered premises:—

Manufacture and sale of ice-cream (including sampling)	206
Preservation of food	3

Ice-cream (Heat Treatment, etc.) Regulations, 1947-52

There are 132 shops registered for the sale of ice-cream. The greater quantity is pre-packed and manufactured by well-known firms. There is, however, one premise within the borough manufacturing on a small scale by heat treatment.

FOOD INSPECTION

During the year a total of 271 samples of foods have been taken for chemical analysis. 36 (13.2%) were found to be below the required standard. This is a very slight improvement of 0.5% on the previous year.

Samples taken are as follows: —

Food	No. of Samples	No. below Standard
Meat Pies, etc.	77	16
Milk	66	—
Sausage	48	7
Cooked Meats	16	6
Cream Cakes	12	1
Ice Cream	8	—
Tinned Meat	7	—
Cheese	6	—
Potted Meat	6	3
Instant Potato Mix	5	—
Drugs/Medicines	4	—
Bread & Butter	3	3
Pasteurised Cream	2	—
Lemon Curd	2	—
Fresh Meat	2	—
Cured Bacon	1	—
Cabbage	1	—
Dried Milk	1	—
Yogurt	1	—
Curried Beef & Rice	1	—
Canelloni Buitoni	1	—
Ready Meals	1	—
Total	271	36

The following quantities of food stuffs were condemned during the year and were disposed of by burying at the Corporation's controlled tip or by removal to premises for sterilizing:—

	Tons	cwts.	lbs.	Tons	cwts.	lbs.
Fresh						
Meat at slaughterhouses ...	14	19	32			
Meat at shops etc. ...			46			
Poultry ...			25			
Fish ...			44			
Vegetables ...		2	16			
Other Foods ...			69			
	15	3	8	15	3	8
Canned						
Meat ...		5	92			
Fish ...			3			
Fruit ...		9	94			
Vegetables ...		5	73			
Other Foods ...		1	100			
	1	3	26	1	3	26
Frozen						
Meat ...		1	85			
Fish ...		4	97			
Fruit ...		8	85			
Vegetables ...	1	11	5			
Other Foods ...		6	68			
	2	13	4	2	13	4
Total food condemned				18	19	38

MEAT INSPECTION, 1970

There are two licensed slaughterhouses in the Borough. One is situated on the Queens Avenue Industrial Estate and was built in 1961, coming into operation in the latter part of that year. The other, operated by the Macclesfield and District Butchers' Association, is a slaughterhouse reopened after the war with extensions to the slaughterhall and lairage.

All the condemned meat from both slaughterhouses is now removed to premises where it is sterilized in accordance with the Meat (Staining and Sterilization) Regulations, 1960/1969

During 1970 the carcasses of 34,744 animals were inspected at the two slaughterhouses; this was an increase over the previous year of 4,599.

	Cattle exclud- ing cows	Cows	Calves	Sheep and lambs	Pigs
Number killed and inspected	3031	593	82	11650	19388
All diseases except tuberculosis:					
Whole carcasses con- demned	2	23	9	30	44
Carcasses of which some part or organ was condemned ...	271	150	3	822	2100
Percentage of num- ber inspected affec- ted with disease other than tuber- culosis	8.6	29.1	14.6	7.3	11
Tuberculosis only:					
Whole carcasses con- demned	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	80
Percentage of num- ber inspected affec- ted with tubercu- losis	—	—	—	—	0.4

Cysticercosis

Carcasses condemned	...	...	...	—
Carcasses submitted to treatment by refrigeration ... ..	...	...	...	—

Weight of Meat Condemned

		Tons	cwt.	lb.
Tuberculosis ... ..	...		9	86
Other diseases ... ..	...	14	9	58
Total		14	19	32

DISEASES OF ANIMALS ACT

The Anthrax Order, 1938

Two cases of anthrax were suspected during the year, one in the abattoir and one on private land. Upon examination both cases were found to be negative.

The Diseases of Animals (Waste Foods) Order, 1957

The last licensed swill boiling plant within the Borough ceased to operate at the end of 1971.

The Fowl Pest (Infected Areas Restrictions) Order, 1956

No orders were issued during the year.

The Swine Vesicular Disease Order 1972

Early in December a disease in pigs resembling that of Foot and Mouth Disease occurred around Marston in Staffordshire. The Ministry of Agriculture, Fisheries and Food immediately imposed restrictions and carried out all the controls related to Foot and Mouth Disease. Further examination and tests proved the condition to be Swine Vesicular Disease, a rare condition found only in pigs. The movement of pigs throughout the country was very severely restricted and although the nearest infected areas to the Borough was near Leek, many movement licences had to be issued by the Health Department staff.

The Foot and Mouth Disease Order 1958

Four special orders were issued during the year, but were revoked following further tests on the affected animals when the condition was found to be Swine Vesicular Disease.

The Regulation of Movement of Swine Order 1959

The majority of pig producers deal directly with the bacon and pork products factories and consequently very few pigs pass through the market. As the Order only requires licences for the movement of pigs from a market very few of these licences had to be issued. However, this order was superseded by the Swine Vesicular Disease Order which required large numbers of licences to be issued for the movement of pigs from all premises.

No cases of suspected Swine Fever were notified to the department and no orders were issued by the Ministry during the year.

CLEANSING SECTION

The following are the Sections major activities:—

Refuse Collection

In last year's report I mentioned the stresses that had developed in the refuse collection service due to increasing population, the increased number of houses and the tendency for refuse to increase in bulk. During 1972 trials of the sack system of refuse collection were put in hand and one day on each of the four rounds was converted to plastic sacks. Because of the high capital costs involved, it was not found possible to provide every premises with a sack tub; where the existing metal dustbin was found to be satisfactory, the plastic sack is used as a liner.

Generally, the public's reaction has been very favourable, but a very few people have had difficulty in disposing of hot ashes from all night stoves through not cooling them in a bucket first. Hot ashes should not of course even be placed in an ordinary dust bin; at best this could set fire to paper in the dustbin and destroy the galvanising and the rubber lid. At worst, it could set fire to one of our expensive refuse collection vehicles. After the successful trials it is hoped to convert all the domestic collection of household refuse to plastic sacks in 1973.

Salvage and Paper Baling

I am sorry to report a reduction in the amount of paper salvaged during the year. This was caused in some part by a request by the board mills in the latter part of 1971 to reduce supplies to them because excessive stocks of waste paper had steadily built up at the mills, which was not being absorbed due to decreased consumer demand. On the other hand waste paper is becoming a very topical subject due to the contribution its utilisation makes to the environmental balance sheet and the increasing emphasis on producing grades of paper and board made partly or wholly from secondary fibre.

Our existing depot is small, badly arranged and equipped with two old presses and until these difficulties can be overcome, I see little prospect in meeting the anticipated increased demand for waste paper.

The following table shows the quantities of waste paper collected and baled:—

	1971	1972
Waste Paper	459.60 tonnes*	427.10 tonnes*
Total Value	£5,425	£4,729

*For the metric minded, 1 imperial ton is equal to 1.02 metric tonnes and a metric tonne is equal to 1,000 kilogrammes.

Refuse Disposal

All the town's industrial and domestic refuse, with the exception of the paper salvage mentioned above, is disposed of by controlled tipping at Danes Moss Tip, off Congleton Road. In addition, household refuse from the Southern part of Macclesfield Rural District is also accepted by us. The Northern part of the area is served by a tip at Poynton.

Section 18 of the Civic Amenities Act 1967 requires the local authority to make available a place where residents may deposit household refuse free of charge. Originally a lay-by was built at the entrance to the tip and a trailer provided which could be towed away to dispose of its contents at the tip face. In spite of the provision of additional trailers at week-end, this soon proved inadequate and a temporary compound was built inside the tip gates. This was replaced by a substantial compound of old railway sleepers on a concrete base and the access to the tip from the main road generally improved at the same time.

In July the Committee considered a letter from Macclesfield Rural District Council complaining about:—

- (a) the problem of litter blowing from the new refuse reception area on to the main road, adjoining fields and gardens.
- (b) the unsightly eyesores which the refuse receptacle area presents on the approach road to Gawsforth, and
- (c) the considerable unauthorised sorting which takes place of the deposited refuse.

As a result a Working Party was set up consisting of Councillors and Officers of both authorities to consider what alterations and improvements could be made. Everyone agrees that the provision of this facility is to the advantage of Macclesfield and the surrounding countryside. It is estimated that 1,000 tons of household rubbish and garden refuse is now brought to the tip each year: formally this would have been thrown into ditches, over hedges, into watercourses or dumped on vacant plots of land.

Some trouble was caused by tip fires during the year, which had been deliberately started by trespassers and were difficult to put out. Measures have been put in hand to fence the whole of the boundary on the Northern side between the tipping area and the playing field and work is expected to commence in the spring of 1973.

Public Conveniences

There are seven conveniences in the Borough, only one, Broken Cross, was built since the last war; two others, Chester Road and London Road are adaptations from older premises. It is therefore particularly pleasing to report that a site for a new town centre convenience has been found. It is to be built on Churchill Way as part of a block of offices and was specially designed to permit its use by disabled persons. At the close of the year handrails were fitted to conveniences at the side of the Town Hall in order that elderly and infirm people could more easily gain access.

Vehicles

The vehicle replacement programme adopted by the Committee is now having its effect and the average age of vehicles in the fleet is being reduced. The increasing volume to today's refuse is being reflected in our vehicles; last year saw the introduction of our first ejection discharge vehicle and this year the first screw type compression vehicle was ordered.

The vehicles operated by the Cleansing Section consist of the following:—

Description	Purchased
1. Fordson 10/12 cwt. Van D.M.A 435B (Sold 31/1/72)	July 1964
2. Trade and Bulky Household Refuse Collection Vehicle. Dennis LTU 763C	September 1965
3. Rear Loading Refuse Collector. Dennis Paxit. L.T.U. 762C	October, 1965
4. Gully/Cesspool Emptyer. Dennis M.T.U. 886C	December, 1965
5. Rear Loading Refuse Collector. Dennis Paxit. V.L.G. 879E'	February 1967
6. Small Side Loader. Ford Transit V.M.A. 952E'	March, 1967
7. Rear Loading Bulk Refuse Collector. Dennis Paxit. C.T.U. 765F'	March 1968
8. Trackmarshall "55" Bulldozer. ...	March, 1968
9. Rear Loading Refuse Collector. Dennis Paxit. G.L.G. 613G	September 1968

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|--|--------|----------------|
| 10. Ferguson "Highways" Tractor
H.T.U. 337G | | January, 1969 |
| 11. Rear Loading Refuse Collector.
Dennis Paxit. N.T.U. 779H | | November 1969 |
| 12. Ford 8-cwt. Van. O.T.U. 677H | ... .. | March 1970 |
| 13. Verro City Suction Sweeper.
R.M.B. 576H | | May 1970 |
| 14. Light Motor Cycle (Rodent Control).
Suzuki S.T.U. 47J | | August 1970 |
| 15. Ford/Lacre Suction Sweeper.
T.L.G. 862J | | October 1970 |
| 16. Ejector Discharge Refuse Collector.
Dennis Paxit "70". W.M.B. 854J | | April 1971 |
| 17. Salvage Collection Vehicle. Ford.
W.T.U. 439J | | June 1971 |
| 18. Massey Ferguson "20" Tractor.
A.M.A. 713K. (Transferred to Parks
Department, June, 1972) | | July, 1971 |
| 19. Gully/Cesspool Emptyer. Ford/
Yorkshire. A.L.G. 299K | | September 1971 |
| 20. Massey Ferguson "20" Loading
Shovel (Danes Moss Tip). A.T.U.
148K | | October 1971 |
| 21. Pathmaster 42 Mk II Mechanical
Sweeper. Flow Knox. CLG 845K | | October, 1971 |
| 22. Ford 8-cwt. Van. J.T.J. 532K | ... .. | November 1971 |

In conclusion, I would like to express my appreciation to the Chairman, Vice-Chairman and Members of the Community and Health Services Committee, for their support and co-operation in the workings of the department. Also, my thanks to the Inspectorial and Clerical Staff for their loyalty and efficiency in carrying out their duties during the past year.

I remain,

Your obedient servant,

K. W. MAPP

Chief Public Health Inspector
and Cleansing Superintendent

